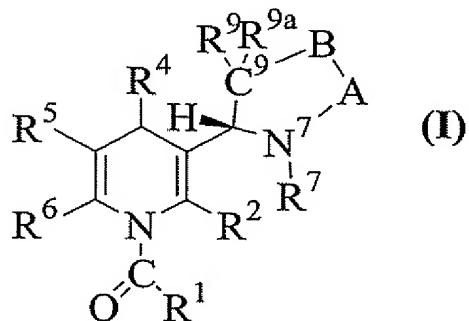


1 (currently amended). A method of making a compound of **Formula I**:



wherein:

R⁴ is alkyl, alkenyl, alkynyl, aryl or SiR²⁰R²¹R²², wherein R²⁰, R²¹ and R²² are each independently selected from the group consisting of alkyl, alkenyl, alkynyl and aryl;

R¹ is alkyl, aryl, alkenyl, alkynyl, alkoxy, NR'', or -SR'', where R'' is alkyl, aryl, alkenyl, alkynyl, or alkoxy;

R², R⁵, and R⁶ are each independently selected from the group consisting of H, alkyl, aryl, alkenyl, alkynyl, alkoxy, and halo;

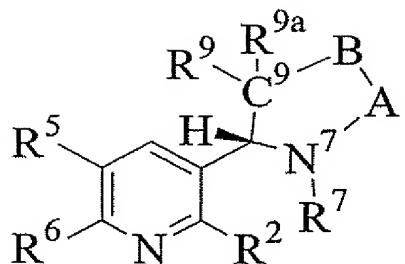
R⁷ is selected from the group consisting of H and alkyl;

A is a 1, 2 or 3 1 or 2 atom bridging species which forms part of a saturated or monounsaturated 5, 6 or 7 5 or 6-membered ring including N⁷, C⁸, C⁹ and B;

B is selected from O, S, NR¹⁰, wherein R¹⁰ is selected from hydrogen, alkyl, aryl, substituted aryl, alkylaryl, substituted alkylaryl, arylalkyl, and substituted arylalkyl; -C¹⁰HR^{10a} or =C¹⁰R^{10a}, wherein R^{10a} is selected from hydrogen, alkyl, hydroxyalkyl, aryl, aryloxyalkyl, fluoro, trifluoromethyl, cyano, cyanomethyl, --OR', -NR'₂, or --SR', wherein each R' is independently hydrogen, alkyl, alkenyl, alkynyl or aryl; or B is =C¹⁰R^{10a} or =N-; and

R⁹ and R^{9a} are each independently selected from hydrogen, alkyl, hydroxyalkyl, aryl, aryloxyalkyl, fluoro, trifluoromethyl, cyano, cyanomethyl, -OR', -NR'₂, or -SR', wherein each R' is as defined above;

comprising reacting an organometallic nucleophile R⁴Met, where R⁴ is as given above and Met is a metal, with a compound of the formula:



wherein A, B, R², R⁵, R⁶, R⁷, R⁹, and R^{9a} are as given above,

and a compound of the formula R¹COX¹, wherein R¹ is as given above and X¹ is halo, to produce a compound of **Formula I**.

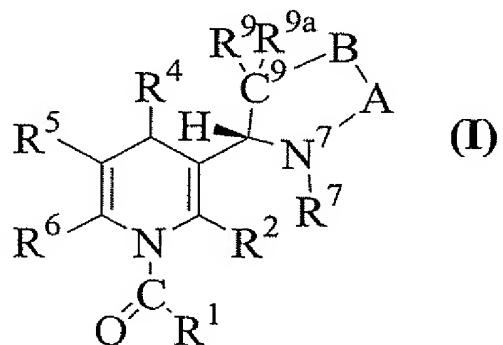
2 (original). The method of claim 1, wherein R⁴ is alkyl, alkenyl, alkynyl, or aryl.

3 (original). The method of claim 1, wherein R⁴ is SiR²⁰R²¹R²², and wherein R²⁰, R²¹ and R²² are each independently selected from the group consisting of alkyl alkenyl, alkynyl and aryl.

4 (original). The method of claim 1, wherein R¹ is alkyl.

5 (original). The method of claim 1, wherein Met is selected from the group consisting of magnesium, manganese, sodium, lithium, copper, cerium, zinc, cadmium, aluminum and titanium.

6 (currently amended). A compound of **Formula I**:



wherein:

R^4 is alkyl, alkenyl, alkynyl, aryl or $\text{SiR}^{20}\text{R}^{21}\text{R}^{22}$, wherein R^{20} , R^{21} and R^{22} are each independently selected from the group consisting of alkyl, alkenyl, alkynyl and aryl;

R^1 is alkyl, aryl, alkenyl, alkynyl, alkoxy, NR''_2 or $-\text{SR}'$, where R'' is alkyl, aryl, alkenyl, alkynyl, or alkoxy;

R^2 , R^5 , and R^6 are each independently selected from the group consisting of H, alkyl, aryl, alkenyl, alkynyl, alkoxy, and halo;

R^7 is selected from the group consisting of H and alkyl;

A is a 1, 2 or 3 1 or 2 atom bridging species which forms part of a saturated or monounsaturated 5, 6 or 7 5 or 6-membered ring including N^7 , C^8 , C^9 and B;

B is selected from O, S, NR^{10} , wherein R^{10} is selected from hydrogen, alkyl, aryl, substituted aryl, alkylaryl, substituted alkylaryl, arylalkyl, substituted arylalkyl, $-\text{C}^{10}\text{HR}^{10a}$ or $=\text{C}^{10}\text{R}^{10a}$, wherein R^{10a} is selected from hydrogen, alkyl, hydroxyalkyl, aryl, aryloxyalkyl, fluoro, trifluoromethyl, cyano, cyanomethyl, $-\text{OR}'$, $-\text{NR}'_2$, or $-\text{SR}'$, wherein each R' is independently hydrogen, alkyl, alkenyl, alkynyl or aryl; or B is $=\text{C}^{10}\text{R}^{10a}$ or $=\text{N}$; and

R^9 and R^{9a} are each independently selected from hydrogen, alkyl, hydroxyalkyl, aryl, aryloxyalkyl, fluoro, trifluoromethyl, cyano, cyanomethyl, $-\text{OR}'$, $-\text{NR}'_2$, or $-\text{SR}'$, wherein each R' is as defined above.

7 (original). The compound of claim 6, wherein R^4 is alkyl, alkenyl, alkynyl, or aryl.

8 (original). The compound of claim 6, wherein R^4 is $\text{SiR}^{20}\text{R}^{21}\text{R}^{22}$, and wherein R^{20} , R^{21} and R^{22} are each independently selected from the group consisting of alkyl, alkenyl, alkynyl and aryl.

9 (original). The compound of claim 6, wherein R^1 is alkyl.

10 (original). The compound of claim 6, wherein said compound is enantiomerically pure.